

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012344.D
 Acq On : 30 Aug 2019 11:34
 Operator : SY/VA
 Sample : VW0830SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2019 9:11:11 AM

Quant Time: Aug 30 16:39:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135758	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
35) Dibromofluoromethane	7.88	113	106269	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	10.32	98	432972	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.62	95	154112	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	23252	17.291	ug/l	98
3) Chloromethane	2.21	50	40894	19.629	ug/l	100
4) Vinyl Chloride	2.36	62	47583	18.660	ug/l	96
5) Bromomethane	2.73	94	22998	17.808	ug/l	92
6) Chloroethane	2.91	64	26991	18.764	ug/l	98
7) Trichlorofluoromethane	3.25	101	24891	19.440	ug/l	100
8) Diethyl Ether	3.68	74	24146	19.867	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42300	19.435	ug/l	96
10) Methyl Iodide	4.27	142	54604	18.543	ug/l	98
11) Tert butyl alcohol	5.16	59	19431	124.370	ug/l	100
12) 1,1-Dichloroethene	4.04	96	41978	19.163	ug/l	96
13) Acrolein	3.89	56	12988	88.313	ug/l	94
14) Allyl chloride	4.66	41	89767	19.168	ug/l	100
15) Acrylonitrile	5.37	53	65334	108.456	ug/l	97
16) Acetone	4.12	43	68949	103.896	ug/l	100
17) Carbon Disulfide	4.38	76	106956	16.156	ug/l	99
18) Methyl Acetate	4.67	43	38969	23.708	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	75286	21.252	ug/l	97
20) Methylene Chloride	4.92	84	50100	19.970	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	44684	19.022	ug/l	97
22) Diisopropyl ether	6.31	45	177134	20.406	ug/l	99
23) Vinyl Acetate	6.25	43	545401	102.093	ug/l	100
24) 1,1-Dichloroethane	6.21	63	94334	19.959	ug/l	99
25) 2-Butanone	7.17	43	98804	109.563	ug/l	99
26) 2,2-Dichloropropane	7.16	77	54018	20.192	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49886	19.877	ug/l	98
28) Bromochloromethane	7.51	49	45141	21.913	ug/l	99
29) Tetrahydrofuran	7.53	42	61582	113.821	ug/l	99
30) Chloroform	7.67	83	87773	20.298	ug/l	99
31) Cyclohexane	7.95	56	85293	18.240	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	68644	20.067	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69615	19.473	ug/l	99
37) Ethyl Acetate	7.25	43	42683	21.788	ug/l	99
38) Carbon Tetrachloride	8.07	117	61607	19.911	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76314	19.002	ug/l	98
40) Benzene	8.32	78	193587	19.832	ug/l	99
41) Methacrylonitrile	7.48	41	26304	22.846	ug/l	98
42) 1,2-Dichloroethane	8.40	62	62783	20.522	ug/l	99
43) Isopropyl Acetate	8.42	43	79272	21.846	ug/l	99
44) Trichloroethene	9.09	130	47761	20.127	ug/l	99
45) 1,2-Dichloropropane	9.37	63	52813	20.103	ug/l	97
46) Dibromomethane	9.46	93	24249	20.746	ug/l	98
47) Bromodichloromethane	9.64	83	61798	19.865	ug/l	99
48) Methyl methacrylate	9.43	41	37922	21.958	ug/l	98
49) 1,4-Dioxane	9.44	88	8204	458.474	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	212001	114.866	ug/l	100
52) Toluene	10.38	92	116817	19.921	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	63938	20.177	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	76203	19.916	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35329	21.362	ug/l	97
56) Ethyl methacrylate	10.65	69	52368	21.757	ug/l	97
57) 1,3-Dichloropropane	10.93	76	66975	21.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	139134	112.631	ug/l	100
59) 2-Hexanone	10.97	43	148882	114.006	ug/l	100
60) Dibromochloromethane	11.13	129	37222	20.207	ug/l	100
61) 1,2-Dibromoethane	11.23	107	32800	21.289	ug/l	99
64) Tetrachloroethene	10.86	164	38708	19.891	ug/l	97
65) Chlorobenzene	11.66	112	120444	20.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	41738	20.243	ug/l	97
67) Ethyl Benzene	11.73	91	228215	20.045	ug/l	100
68) m/p-Xylenes	11.84	106	165830	40.436	ug/l	100
69) o-Xylene	12.16	106	77775	20.491	ug/l	99
70) Styrene	12.18	104	133171	20.270	ug/l	99
71) Bromoform	12.35	173	21642	21.068	ug/l #	99
73) Isopropylbenzene	12.46	105	219506	19.618	ug/l	98
74) N-amyl acetate	12.27	43	74150	21.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	43496	21.204	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30488m	20.964	ug/l	
77) Bromobenzene	12.74	156	47660	19.689	ug/l	98
78) n-propylbenzene	12.80	91	268751	19.675	ug/l	99
79) 2-Chlorotoluene	12.89	91	151260	19.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	188414	20.152	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13493	20.342	ug/l	96
82) 4-Chlorotoluene	12.99	91	162106	19.963	ug/l	99
83) tert-Butylbenzene	13.21	119	160336	20.245	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	186803	19.890	ug/l	99
85) sec-Butylbenzene	13.38	105	228582	20.146	ug/l	99
86) p-Isopropyltoluene	13.50	119	206798	20.408	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	94458	19.950	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	94641	20.131	ug/l	99
89) n-Butylbenzene	13.82	91	203611	20.206	ug/l	99
90) Hexachloroethane	14.09	117	34681	19.508	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	86790	20.896	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7818	22.608	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59974	20.894	ug/l	99
94) Hexachlorobutadiene	15.24	225	41341	21.813	ug/l	99
95) Naphthalene	15.37	128	108165	21.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	53263	21.269	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

